American Dyestuff Reporter Editorial Index Vol. 68 1979

Carpets
Better Ozone Fastness on Nylon Carpets with Acid and Disperse Dye Combinations (Lewis) ..... June 26
Carpet Dyeing at 70°-75° (Beiertz) ..... June 22

Coating
Electron-Beam Polymerization on Pre-Coated Glass Fabric (Needles) ..... April 37

Control Systems
Automatic Straightener Increases Finishing Range Efficiency (Klopsch) ..... Nov. 40
On-Line Color Monitoring (Best) ..... Nov. 34
Process Controls Buyer's Guide ..... Nov. 19
Seam Detecting in Dyeing Machines (Merritt) ..... Nov. 39

Dyeing
Agents that Prevent Dye Co-precipitation: Theory and Practice (Pratt) ..... Sept. 39
Applied Naphthol Dyeing (Moore) ..... Aug. 57
Better Leveling for Polyester Dyeings (Abrahams) ..... March 26
Butyrolactone Acid Donor for Dyeing Nylon Fiber (Nahta) ..... March 32
Continuous Dyeing of Polyester/Cotton Blends by the Thermosol, Pad-Steam Process ..... Sept. 42
Dyeing Acrylic Fibers: Some New Approaches (Doyle) ..... March 30
Dyeing Cellulose and Cellulose/Polyester Used in Drapery, Upholstery and Apparel (Balchin) ..... Sept. 35
Dyes and Dyebath Additives—A Marketing Research Appraisal (Tanzer) ..... Nov. 57
High Temperature Dyeing of Polyester/Cotton Blends (White, Johnson) ..... March 22
How to Continuous Dye Mixed Filament/Spun Polyester/Cottons (Haile *et al.*) ..... Sept. 20
Jet Dyeing with Sulfur and Vat Colors (Tobin) ..... Sept. 26
New Polyester/Cotton Dye and Print Systems (Stetson, Thompson) 28
New Softener and Carrier Improve Mill Operations (Singer) ..... March 24
Non-Benzidine Dyes for Polyester/Cotton (Maiolo) ..... March 37
Novel Stripping System for Cellulosics, Manmades (Fono) ..... March 20
Nylon Dyeing Short Course (Cole) ..... Sept. 24
On the Level with Acrylics (Zuidema) ..... March 36
Practical Aspects of Dyeing Wool and Wool Blends (Drewniak) ..... June 45
Practical Help for Continuous Vat Dyeing (Cook) ..... March 41
Practical Solutions to Trimer Problems in Polyester Dyeing (DeMaria, Gajendragadkar) ..... Sept. 32
Reverse Dyeing Process for Polyester/Cotton (Kenyon) ..... March 19
Simplified, Economic Reactive Dyeing (Johnson) ..... March 21
Surfactant System Replaces Dye Carrier Solvents (Nahta) ..... Sept. 55
Two New Chemicals Create Better Multicolored Nylons (Brownewell) ..... March 38

Dyes
Acid Catalyzed Reactive Dye for Cotton, Part II, Light Fading (Kamel *et al.*) ..... July 31
Nitrolignin Dye for Wool (Nagaty and Mansour) ..... June 64
State of the Dyestuffs Industry Message ..... Dec. 51

Energy Conservation
Recycling Saves! (Sibley) ..... Oct. 23
Water, Energy and Chemical Recovery from Desizing (Porter, Black) ..... Dec. 46

Finishing
Controlled Hydrolysis for Making Polyester Silk-Like (DeMaria) ..... Oct. 30
Creasability of Fully-Cured Double Knits Containing Cotton (Kottes Andrews, Harper) ..... April 22
Fluorochemical Soil Retardants for Carpets (Bierbrauer *et al.*) ..... June 19
Loop Transfer Padding for Special Effects (Bruno, Harper) ..... Nov. 52
Non-Crocking Softener Finishes for Synthetics (Mays) ..... Sept. 22
Sequestrants in Dyeing and Finishing (Leuck) ..... Nov. 49

Flame Retardants
Flame Retardants for Cotton/PE (Timpa *et al.*) ..... June 60

Foam Processing
Foam Processing of Textiles ..... July 19
Foam Use in Finishing Saves Energy, Speeds Output ..... July 28
Low-Liquor Ratio Foam Processing (Skoufis) ..... July 20
Novel Linear Extrusion Method for Pigmented Foams for Dyeing and Backcoating (Waxelbaum) ..... July 27
Production of Consistent Foams (Egan) ..... July 24

Management
Chemicals: Shortages Are Ahead (Brookhuis) ..... May 24
Innovation—Key to the Future (Stoll) ..... May 19
Planning for Tomorrow—Today (Werner) ..... May 20
Professional Management: A Mill Man's Viewpoint (Scotese) ..... May 17
Textile Fiber Outlook: Troubled but Not Bleak (Barnes) ..... Dec. 51
Textile Labeling and the Consumer (Nagel) ..... March 15

Nonwovens
Elastic Nonwoven Tubes: Their Use in Economic Yarn Finishing (Schultheiss) ..... March 52
Man-Made Fibers: Their Role in Nonwovens (Attle) ..... March 58
Nonwoven Textiles Progress Report (Starr) ..... March 45
Nonwovens Symposium Assesses Future Impact of Technology ..... May 29

Pollution Control
Air Pollution Control Technology: 1985 Through 2000 (Boubel) ..... Oct. 25
Anti-Pollution Measures at Fieldcrest Mills ..... Oct. 22

[Continued on page 46]

Now Available from ADR

RN & WPL DIRECTORY

The **RN & WPL Directory** is now available for immediate delivery.

RN & WPL numbers, the numbers found in textile labels that identify a manufacturer, are important to every segment of the textile world.

Buyers—To identify sources when only a neutral label is present.

Suppliers—To find new sales leads from our completely cross referenced Directory.

Manufacturers—To identify competition and locate new contracting sources.

The Directory is cross referenced
by number
by product
alphabetically
geographically
import/export

With over 63,000 numerical listings and over 1000 pages this Directory is a valuable resource and a must for all offices, sales forces and libraries. The Directory's cost is $50.00

To order the RN & WPL Directory, fill out this coupon and mail it to:
American Dyestuff Reporter
Book Division
630 Third Ave.
New York, N.Y. 10017
Ship to:

Do not mail payment, you will be billed.

Name _____
Title _____
Company _____
Address _____
City _____ State _____ Zip _____

Silicones: Dow Corning

A newly-revised 40-page "Guide to Dow Corning Products" summarizes the applications, descriptions, and benefits of more than 250 silicone products.

The guide is conveniently arranged in two sections—one industry related, and one for product selection. Twenty-one major silicone using industries, including textiles, are featured.

Product selection tables list benefits, features, and important technical properties for 34 types of Dow Corning products.

Circle 80 on Reader Service Card

INDEX

[Continued from page 12]

Impact of Foam on Textile Wastewater Treatment (Bahorsky) ..... Oct. 26
Pollution and Energy Control at Coats & Clark ... Oct. 21
Waste Color Removal from Textile Effluents (McKay) ..... April 29

Preparation
Creating Fashionable Fabrics with Caustic Mercerization (Parikh) ..... Aug. 60
Nonionic Surfactants in Fabric Preparation (Nahta) ..... Oct. 33
Preparing Fabric for Printing (Prager) ..... May 32
Sequestering Agents in Silicate-Free Peroxide Bleaching (Kowalski) ..... Sept. 49
Using Fluorescent Whiteners During Fabric Preparation (Partlow) ..... March 64

Printing
Progress Report: Titan Jet Carpet Printer ..... June 39
Ways to Cut Solvent Usage in Printing (Roper) ... Oct. 24

Transfer Printing
Thermal Behavior of Cationic Dyes Plus Reagents Under Reduced Pressure (Nishida and Ando) ..... Feb. 36
Transfer Printing Buyer's Guide ..... Feb. 15
Transfer Printing Resin Treated Cellulosic Materials (Vellins) ..... Feb. 38

Reviews
Annual New Products Review ..... Dec. 36
ADR's Guide to Hanover—A Special 20-Page Supplement ..... Aug. 37
ITMA Report, Part I—Dyeing ..... Dec. 21
ITMA Photo Gallery ..... Aug. 30
ITMA Photo Gallery ..... Dec. 22
Knitting Arts Exhibition Preview ..... April 19
KAE Floor Plan Highlighting Wet Processing Booths ..... April 20
KAE Wet Processing Suppliers' Addresses ..... April 21
Schematic of ITMA Fairgrounds ..... Aug. 22
Textile Coloration at ITMA (Norwich) ..... Dec. 31
Wet Processing Exhibits ..... Aug. 21

DYEING

[Continued from page 37]

ing range.

□

Among the ribbon dyeing machines displayed by the German firm Mageba was its Mageba-Midi, a unit with a working width 625 mm. It comes equipped with a dyeing and impregnating padding mangle with two or three rollers and a steam heatsetting chamber of 45, 60, 90 or 120 m.

□

The Mezzeraflux TI, an atmospheric rope dyeing machine using the overflow system, was shown by Mezzera. It comes in one to six modules and is designed to handle delicate fabrics such as acetate, wool, acrylic and silk, as well as heavier fabrics. Capacity ranges from 100 to 600 kg.

Among the other units shown by Mezzera were:

The Model VGJ jumbo jig capable of handling fabric loads with a roll diameter of up to 1300 mm at speeds of up to 150 m/min.

The Rapidflux JTA atmospheric rope dyeing machine, a jet with a low liquor ratio of 5:1 in which fabric can be processed at speeds of up to 400 m/min. It comes in two and four tube models with capacities of 200-400 kg. The Rapidflux JTA dyes knits and wovens and is suitable for cotton, viscose, acetate and wool and their blends.

Cut-R circular rapid jet for rope dyeing under pressure, a jet which comes in one, two and three tube models, each tube having a capacity of 100 kg of fabric. The Cut-R is designed for dyeing polyester and blends.

The VDPA hank dyeing machine, which has a capacity of from 290 to 340 kg without reels or 260 to 300 kg with reels.

□

The Unispace space dyeing machine was described by SACM officials. Three versions are offered by the French company: one which prints hanks continuously; another which prints carpet yarns continuously giving them medium and long space effects; and a third which prints silvers. □□□

Virkler
CREATORS OF SPECIALIZED CHEMICAL PRODUCTS FOR DYEING AND FINISHING

VIRCOSOFT SLP

Uniquely new cationic softener for nylon hosiery, poly and poly/cotton terry, and acrylic blends.

FINALLY! A softener with a difference you can actually **feel!** Imparts a lofty hand and is wrinkle resistant. Has **excellent cross stretch and recovery properties.** Non-yellowing. May also be used as a repair softener.

For **noticeable softness,** contact us about VIRCOSOFT SLP.

VIRKLER CHEMICAL COMPANY
and Virkler International Sales Corp.
1022 Pressley Road, Charlotte, N. C. 28210
Phone: 704/527-2350 • Telex: 527-303

Circle 23 on Reader Service Card

More Cordura coming on stream

Du Pont Co.'s Textile Fibers Department is doubling its capacity for producing "Cordura" nylon. The multimillion dollar expansion will be completed in late 1981 at manufacturing facilities in Chattanooga, Tenn.

Cordura nylon is a bulked continuous filament yarn with high strength and excellent abrasion resistance. It has long been a mainstay for backpacking and camping gear because of its properties and because it weighs about half as much as comparable cotton canvas and can be dyed uniformly. In the past two years, this premium nylon has been gaining popularity in the fashion-oriented, soft-sided luggage market.

Other markets include chafer fabric for tires and fire hose reinforcement where Cordura nylon has replaced cotton because of its strength as well as abrasion, mildew and rot resistance.

RECYCLING

[Continued from page 37]

Bryan Rock of Wira was heavily involved as have been present and past members of the effluent team at Wira.

Mention must be made of the cooperation and contribution of Bruce Murgatroyd, managing director, and the staff and work-force of Henry Lister & Sons Ltd., as must the contribution from members of the YWA. Finally, the help and interest of Dept of Environment and Department of Industry (through GARB) have been of immense value. □□□

Based on a paper presented at the 10th Shirley International Seminar held May 9-11, 1978.